

Meeting Minutes 5

[REROUTE – Group 16]

Meeting Minutes

Date: [01/24/2025] – Friday

Time: [10 am]

Location: [ST 238], or virtual

Facilitator/Chairperson: [Travis]

Note Taker: [Andrew Pauls]

1. Attendance

Present:

- [Cole Corbett - Developer]
 - [Cam Carvalho– Developer]
 - [Tristan Arana Charlebois – Developer]
 - [Jordan Wallace - Developer]
 - [Turner Kassie – Scrum Master]
 - [Andrew Pauls – Product Owner]
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2. Agenda Overview

(List key discussion topics in order of the agenda)

1. [Discuss group opinion on Sprint planning, Product Backlog]
 2. [The Genetic Algorithm]
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3. Discussion & Key Points

Topic 1: [The Genetic Algorithm]

- **Summary:** Cole, Travis explained their idea for how the GA would work. They utilized the whiteboard and markers to draw the population, and how it would solve the problem with a graphical drawing. Data transmission between front end and backend was discussed. Server hosting the GA was discussed.
- **Decisions Made:**
 - GA to pass messages to frontend and vice versa via GeoJSON of coordinates.
 - GA to likely implement a cache to increase speed

- GA to utilize elitism

- **Action Items:**

- [1] – Frontend message passing to pass GeoJSON (cam / Jordan to implement)**

- **[2] – Travis to write elitism algorithm into GA**

- **[3] – Cole to write cache technique into GA**

Topic 2: [Discuss group opinion on Sprint Planning, Product Backlog]

- **Summary:** Explanation by Andrew of Trello board, delegated tasks, time of completion for different tasks, end of Sprint 1 date set to Sunday Feb 2. Cole discussed pushing the expectation of having the Multi-TSP done by end of Sprint 2 was overly optimistic. Jordan expressed some concern about the expectations for the frontend being too optimistic.

- **Decisions Made:** Multi-TSP to be expected to be finished at the end of Sprint 3 or 4, not Sprint 2. Jordan will not have the optionality for users to adjust route metrics completed for sprint 1. Tristan, Cam, Andrew to go ahead with assigned tasks as indicated by Sprint 1 overview.

- **Action Items:**

- [4] – All members to work on, complete assigned tasks for Sprint 1 to be completed Sunday Feb 2.**

- [5] – Sprint 2 to have multi-TSP user story moved over to Sprint 3 and 4 for Travis/Cole**

- [6] – Sprint 1 adjusted so that Jordan is not implementing route parameters (speed, highways, avoid tolls) logic implemented so early (Sprint 2 or 3)**

4. Action Items & Next Steps

Action Item	Assigned To	Due Date	Status
[Task 1]	Cam /Jordan	Feb 2	pending
[Task 2]	Travis	Feb 2	pending
[Task 3]	Cole	Feb 2	pending
[Task 4]	All	Feb 2	pending
[Task 5]	Andrew	Today	done
[Task 6]	Andrew	Today	done

5. Additional Notes / Other Business

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6. Next Meeting Details



Date & Time: [Jan 24, 2025 at 10:00] Friday



Location: [Schmon Tower 238 or via virtual link]



Key Topics for Next Meeting:

1. [Connecting frontend to backend, RabbitMQ]
2. [Sprint 1 Progress, Problems]
3. [Database, Authentication Protocols]
4. [Servers]
5. [Meeting with Brendan next day]



Meeting Adjourned at: [11:30 a.m.]



Minutes Prepared By: [Andrew Pauls]